

AMENDMENTS TO THE CLAIMS

In accordance with Rule 1.121, a complete claim listing is presented below, including appropriate status identifiers. Changes in the amended claims are shown by strikethrough for deleted material, and by underlining for added material.

- 1-15. (Cancelled)
16. (Currently Amended) A ceramic coated fiber, comprising:
 - (a) a fiber, and
 - (b) ceramic, having a composition different from that of the fiber, coated on the fiber,
wherein the ceramic has a BET surface area of at least 60 m²/g, and
the ceramic comprises crystalline ceramic.
17. (Original) The ceramic coated fiber of claim 16, wherein the ceramic comprises TiO₂ and/or TiON having an anatase structure.
18. (Original) The ceramic coated fiber of claim 16, wherein the ceramic comprises at least one member selected from the group consisting of TiO₂, TiON, TiOS, Al₂O₃, ZrO₂, and MgO.
19. (Currently Amended) The ceramic coated fiber of claim 16, wherein the ceramic has a B.E.T. BET surface area of 60 m²/g to 300 m²/g.
20. (Currently Amended) The ceramic coated fiber of claim 16, wherein the ceramic comprises accounts for 10 to 90% by weight of the ceramic coated fibers fiber.
21. (Currently Amended) The ceramic coated fiber of claim 16, wherein the ceramic further comprising comprises silver and/or palladium.
- 22-27. (Cancelled)

28. (Original) A ceramic coated fiber, comprising:

- (a) a fiber, and
- (b) ceramic, coated on the fiber,
wherein the ceramic has a BET surface area of at least 50 m²/g, and
the ceramic comprises at least one member selected from the group
consisting of Al₂O₃, ZrO₂, and MgO.

29. (Currently Amended) The ceramic coated fiber of claim 28, wherein
the ceramic has a ~~B.E.T.~~ BET surface area of 60 m²/g to 300 m²/g.

30. (Currently Amended) The ceramic coated fiber of claim 28, wherein
the ceramic ~~comprises~~ accounts for 10 to 90% by weight of the ceramic coated
~~fibers~~ fiber.

31. (Currently Amended) The ceramic coated fiber of claim 28, wherein
the ceramic further ~~comprising~~ comprises silver and/or palladium.

32. (New) The ceramic coated fiber of claim 28, wherein the ceramic has
a BET surface area of at least 60 m²/g.

33. (New) The ceramic coated fiber of claim 28, wherein the ceramic has
a BET surface area of 60 m²/g to 2000 m²/g.

34. (New) The ceramic coated fiber of claim 28, wherein the ceramic has
a BET surface area of 100 m²/g to 500 m²/g.

35. (New) The ceramic coated fiber of claim 28, wherein the ceramic has
a BET surface area of at least 100 m²/g.

36. (New) The ceramic coated fiber of claim 16, wherein the ceramic has
a BET surface area of 60 m²/g to 2000 m²/g.

37. (New) The ceramic coated fiber of claim 16, wherein the ceramic has
a BET surface area of 100 m²/g to 500 m²/g.

38. (New) The ceramic coated fiber of claim 16, wherein the ceramic has a BET surface area of at least 100 m²/g.